

## CLAIMS

We Claim:

1. Flexible tubing for aqueous systems derived from laminated polymeric materials;  
5 said tubing having inner and outer walls wherein the inner laminated wall of said tubing being substantially resistant to bacteria and consist essentially of thermoplastic silicone rubber and the outer laminated wall of said tubing consisting essentially of polymeric rubber derived from a polymeric blend comprising olefin polymers.
- 10 2. The tubing of Claim 1 wherein the polymeric rubber of the outer wall of the tubing is derived from a polymeric blend comprising from about 10 to 30 parts by weight of an olefinic copolymer, 25 to 50 parts by weight of olefinic styrene block copolymer, 25 to 50 parts by weight of thermoplastic rubber, 2 to 15 parts by weight of maleic anhydride-olefinic copolymer, and 0 to 1.0 part by weight of a phenolic resin.
- 15 3. The tubing of Claim 1 wherein the polymeric rubber of the outer wall of the tubing is derived from a polymeric blend comprising from about 20 parts by weight of an ethylene-octene copolymer, 40 parts by weight of styrene-isoprene-styrene block copolymer, 35 parts by weight of thermoplastic rubber, 4.5 parts by weight of maleic  
20 anhydride-ethylene copolymer, and 0.5 part by weight of phenolic resin.

4. The tubing of Claim 2 wherein the olefinic copolymer is derived from olefins having 1 to 8 carbon atoms.
5. The tubing of Claim 2 wherein the phenolic resin is a phenol-aldehyde resin.
- 5
6. The flexible tubing of Claim 1 wherein the polymeric rubber is derived from a blend of olefinic copolymers wherein the olefins have 1 to 8 carbons.
7. The flexible tubing of Claim 2 wherein the maleic anhydride-olefinic copolymer
- 10 is derived from an olefin having 1 to 4 carbon atoms.
8. The flexible tubing of Claim 2 wherein the olefinic-styrene block copolymer is derived from an olefin having 1 to 4 carbon atoms.
- 15 9. A process of conveying an aqueous liquid which comprises passing said liquid through flexible tubing derived from laminated polymeric materials; said tubing having inner and outer walls wherein the inner wall of said tubing is substantially resistant to bacterial growth and consist essentially of thermoplastic silicone rubber, and the outer wall of said tubing comprising a polymeric rubber derived from a polymeric blend
- 20 comprising olefin polymers.

10. The process of Claim 9 wherein the polymeric rubber of the outer wall of said tubing is derived from a polymeric blend comprising from about 10 to 30 parts by weight of an olefinic copolymer, 25 to 50 parts by weight of an olefinic-styrene block copolymer, 25 to 50 parts by weight of thermoplastic rubber, 2 to 15 parts by weight of maleic anhydride-olefinic copolymer, and 0 to 1.0 part by weight of phenolic resin.
11. The process of Claim 10 wherein the olefinic copolymer is derived from olefins having 1 to 8 carbon atoms.
12. The process of Claim 10 wherein the polymeric blend comprises about 20 parts by weight of an ethylene-octene copolymer, 40 parts by weight of styrene-isoprene-styrene block copolymer, 35 parts by weight of thermoplastic rubber, 4.5 parts by weight of maleic anhydride-ethylene copolymer, and 0.5 part by weight of a phenolic resin.
13. The process of Claim 9 wherein the aqueous liquid is milk.
14. The process of Claim 9 wherein the aqueous liquid is portable water.